

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	10	(previous adj2 symbol) near3 trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:19
L3	2	2 and (reduc\$3 near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:21
L4	335	(value) near3 trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:19
L5	1	4 and (value near3 (previous adj2 symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:24
L6	643	(value near3 (previous adj2 (symbol or state)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:21
L7	51	6 and (symbol near3 sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:21
L8	3	7 and (reduc\$3 near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:26
L9	3	trellis same (value near3 (previous adj2 symbol))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:24
L10	2	9 and (reduc\$3 near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 18:26

## EAST Search History

L11	2	"20030048838"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 19:33
L12	3	"20030053535"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 19:33
S1	0	KLINGENBRUNN-THOMAS.in. and (viterbi same (path adj2 (reduct\$3 or minimiz\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 10:25
S2	0	klingenbrunn-thomas.in. and (viterbi same (path adj2 (reduct\$3 or minimiz\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 12:21
S3	0	chu-lichung.in. and (viterbi same (path adj2 (reduct\$3 or minimiz\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 12:21
S4	0	rouphael-antoine-j.in. and (viterbi same (path adj2 (reduct\$3 or minimiz\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 12:22
S5	0	vejigaard-benny.in. and (viterbi same (path adj2 (reduct\$3 or minimiz\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 14:40
S6	2	"6751775".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:26
S7	2	"5402445".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 12:57
S8	1	"5150381".PN.	USPAT; USOCR	OR	OFF	2005/03/02 12:58
S9	1	"5546430".PN.	USPAT; USOCR	OR	OFF	2005/03/02 12:59

## EAST Search History

S10	1	"6356586".PN.	USPAT; USOCR	OR	OFF	2005/03/02 13:00
S11	1	"6477200".PN.	USPAT; USOCR	OR	OFF	2005/03/02 13:00
S12	1	"6356586".PN.	USPAT; USOCR	OR	OFF	2005/03/02 13:01
S13	4	375/341.ccls. and (viterbi same (path adj2 (reduct\$3 or minimiz\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 14:51
S14	4	S13 and @ad<"20011121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 14:41
S15	3	375/341.ccls. and ((path adj2 metric adj2 (reduct\$3 or minimiz\$5)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 15:03
S16	66	375/341.ccls. and (decision near viterbi)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 14:55
S17	5	375/341.ccls. and ((reduct\$3 or minimiz\$5) near (path adj2 metric\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/02 15:03
S18	8	((tap adj2 select\$3) same viterbi)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 10:34
S19	8	S18 and @ad<"20011121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 10:35
S20	3	S19 and metric\$1 and symbol\$1 and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:03

## EAST Search History

S21	0	"5588028".pn. and (digital adj2 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:01
S22	0	S20 and ((multiple or plural\$3 or two) adj2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:09
S23	0	"5588028".pn. and ((multiple or plural\$3 or two) adj2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:04
S24	0	"5588028".pn. and ((multiple or plural\$3 or two) adj2 viterbi)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:04
S25	0	"5588028".pn. and (equalize\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:04
S26	3	S20 and (equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:05
S27	1380	((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:43
S28	504	S27 and select\$3 and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:10
S29	4	S28 and (second adj2 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:44
S30	3	S29 and @ad<"20011121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:45

## EAST Search History

S31	2	"5825832".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:34
S32	1	"5825832".pn. and select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:42
S33	0	(select\$3 near (multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi)) with trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:43
S34	0	(select\$3 near ((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi))) with trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:43
S35	14	(select\$3 near ((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:01
S36	0	S35 and (second adj2 (viterbi or equalizer) and trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:44
S37	0	S35 and (second adj2 ((viterbi or equalizer) and trellis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:44
S38	1	S35 and ((viterbi or equalizer) near trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:45
S39	2	S35 and ((viterbi or equalizer) with trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:01
S40	10	S35 and @ad<"20011121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:46

## EAST Search History

S41	1	S40 and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:46
S42	5	(second adj2 viterbi) and (second adj2 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:51
S43	10	(second adj2 (viterbi or equalizer)) and (second adj2 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:51
S44	3	(second adj2 (viterbi or equalizer)) near (second adj2 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:51
S45	14	(select\$3 near ((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:10
S46	1	S45 and ((viterbi or equalizer) near trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:07
S47	2	S45 and ( trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:03
S48	10	S45 and @ad<"20011121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:07
S49	0	375/265.ccls. and ((select\$3 near ((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi))) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:07
S50	1	375/341.ccls. and ((select\$3 near ((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi))) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:07

## EAST Search History

S51	35	375/341.ccls. and ((select\$3 near (equalizer\$1 or viterbi)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:07
S52	6	S51 and ((viterbi or equalizer) near trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:11
S53	4	S52 and @ad<"20011121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:11
S54	1	S53 and ((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:10
S55	0	375/233.ccls. and (select\$3 near ((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:10
S56	53	375/233.ccls. and ((multiple or plural\$3 or two) adj2 (equalizer\$1 or viterbi))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:10
S57	36	375/233.ccls. and (select\$3 near (equalizer\$1 or viterbi))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:10
S58	11	S56 and (select\$3 near (equalizer\$1 or viterbi))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:10
S59	9	S58 and @ad<"20011121"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:12
S60	2	S59 and ((viterbi or equalizer) near trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:15

## EAST Search History

S61	3	S59 and ( trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:15
S62	26	375/265.ccls. and ((viterbi or equalizer) near trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/03 15:16
S63	2	"5588028".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 09:09
S64	0	(klingenbrunn-thomas.in. chu-lichung.in. rouphael-antoine-j. in. vejilgaard-benny.in.) and (viterbi same (path adj2 metric\$1) and (preliminary adj2 decision\$1) and (destination adj2 states) and (most adj2 likely) and (trellis near3 (old\$3 adj2 symbol)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 09:13
S65	1	(klingenbrunn-thomas.in. chu-lichung.in. rouphael-antoine-j. in. vejilgaard-benny.in.) and (viterbi same (path adj2 metric\$1) and (preliminary adj2 decision\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:27
S66	3	375/341.ccls. and (viterbi same (path adj2 metric\$1) and (preliminary adj2 decision\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 09:22
S67	1	S66 and (preliminary adj2 decision\$1) near3 (previous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 09:16
S68	1	S66 and ((preliminary adj2 decision\$1) near3 (previous))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 09:16
S69	3	((preliminary adj2 decision\$1) near3 (previous adj2 symbol\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 09:20



## EAST Search History

S70	1	S69 and (trellis same old\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 09:20
S71	1	(viterbi same (preliminary adj2 decision\$1)) and (destination adj2 state\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:31
S72	1	(preliminary adj2 decision\$1) and (destination adj2 state\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 09:24
S73	2	"5402445".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:26
S74	1	(viterbi and (preliminary adj2 decision\$1)) and (destination adj2 state\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:35
S75	38	reduced adj2 state adj2 trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:55
S76	34	S75 and viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:36
S77	8	S76 and (previous adj2 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:39
S78	7	S77 and (path adj2 metric\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:45
S79	1	S77 and ((path adj2 metric\$1) near3 value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:54

## EAST Search History

S80	0	("20030053535") and ((path adj2 metric\$1) near3 value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:54
S81	11	(reduced adj2 state adj2 trellis) same ((path or branch) adj2 metric\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 10:56
S82	11	(reduced adj2 state adj2 trellis) same ((path or branch) adj2 metric\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 13:46
S83	0	S82 and (((path or branch) adj2 metric\$1) near3 (previous adj2 symbol\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:33
S84	12	(((path or branch) adj2 metric\$1) near3 (previous adj2 symbol\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:21
S85	32	"13" and (reduced adj2 state adj2 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 13:46
S86	1	S84 and (reduced adj2 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 13:46
S87	1	S84 and (reduced near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:24
S88	0	S84 and (reduced adj2 state adj2 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 13:46
S89	1296	viterbi same (path adj2 metric\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:22

## EAST Search History

S90	112	S89 and (decision\$1 with previous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:22
S91	112	S89 and (decision\$1 with previous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:22
S92	79	S90 and ((most adj2 likely) with path\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:23
S93	7	S92 and (reduced with trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:25
S94	10	S92 and (reduc\$3 with trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 15:28
S95	6	(klingenbrunn-thomas.in. chu-lichung.in. rouphael-antoine-j. in. vejilgaard-benny.in.) and (viterbi )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 14:27
S96	18	((path or branch) adj2 metric\$1) with (previous adj2 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 15:34
S97	32655	path near3 reduc\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 15:29
S98	100	viterbi same (path near3 reduc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 15:30
S99	26	viterbi same ((path adj2 metric\$1) near3 reduc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 15:30

## EAST Search History

S10 0	1	S99 and (previous adj2 symbol\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 15:34
S10 1	9	S99 and (previous )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 15:34
S10 2	13	S99 and (previous\$2 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 15:35
S10 3	44	viterbi same acs same dsp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:18
S10 4	12	714/795.ccls. and (viterbi same (acs with dsp))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:25
S10 5	0	((multiple or plurality or two or many) adj2 equalizer\$1) and (viterbi same (acs with dsp)) and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:26
S10 6	0	((multiple or plurality or two or many) adj2 equalizer\$1) and ( (acs with dsp)) and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:26
S10 7	1271	((multiple or plurality or two or many) adj2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:18
S10 8	131	S107 and viterbi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:27
S10 9	36	S108 and (select\$3 near3 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:56

## EAST Search History

S11 0	1	S109 and dsp and acs	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:29
S11 1	0	"20020122480" and acs and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:29
S11 2	2	"20020122480"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:30
S11 3	0	"20020122480" and dsp and power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:30
S11 4	0	"20020122480" and dsp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:30
S11 5	1	"20020122480" and digital	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:30
S11 6	1	S109 and (symbol\$1 same (select\$3 near3 ((signal adj2 noise adj2 ratio) or power )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 09:58
S11 7	2	S109 and ((select\$3 near3 ((signal adj2 noise adj2 ratio) or power )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:03
S11 8	2	(channel adj2 impulse adj2 response) same ((select\$3 near3 ((signal adj2 noise adj2 ratio) )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:05
S11 9	0	S109 and ((channel adj2 impulse adj2 response) same ((select\$3 near3 ((signal adj2 noise adj2 ratio) ))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:06

## EAST Search History

S12 0	2	S109 and (select\$3 near3 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:05
S12 1	0	S109 and ((select\$3 near3 ((signal adj2 noise adj2 ratio) )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:08
S12 2	0	S109 and ((select\$3 near3 (channel adj2 power) )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:07
S12 3	1	S109 and ((select\$3 near3 (power adj2 distribution)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:07
S12 4	0	S109 and ((select\$3 near3 (power adj2 level\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:07
S12 5	0	S109 and ((select\$3 near3 ((distribution) )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:09
S12 6	1	S109 and ((select\$3 near3 ((energy) )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:10
S12 7	0	S109 and ((select\$3 near3 ((signal adj2 power) )))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:16
S12 8	168	(power same samples same equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:24
S12 9	11	S128 and ((multiple or plurality or two or many) adj2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:23

## EAST Search History

S13 0	1271	((multiple or plurality or two or many) adj2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:33
S13 1	11	S130 and (power same samples same equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:27
S13 2	0	S109 and (power same samples same equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:27
S13 3	0	S109 and (select\$3 same power same samples same equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:27
S13 4	0	S109 and (select\$3 same power same sample\$1 same equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:30
S13 5	0	S109 and (select\$3 near3 (power same sample\$1 same equalizer\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:30
S13 6	0	S109 and (select\$3 near3 (power adj2 spectrum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:30
S13 7	2	equalizer\$1 same (select\$3 near3 (power adj2 spectrum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:32
S13 8	0	S130 and (select\$3 near3 (power adj2 spectrum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:32
S13 9	261	(select\$3 near3 (power adj2 spectrum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:33

## EAST Search History

S14 0	225	((multiple or plurality or two or many) adj2 viterbi\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:16
S14 1	0	S140 and (select\$3 near3 (power adj2 spectrum))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:42
S14 2	5	S140 and (select\$3 near3 (power ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:22
S14 3	2	S142 and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:22
S14 4	3	S140 and (select\$3 near3 (equalizer\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:17
S14 5	2	S144 and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:52
S14 6	2	"5825832".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 10:52
S14 7	8	((multiple or plurality or two or many or parallel) adj2 (viterbi\$1 with trellis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:23
S14 8	0	S147 and (select\$3 near3 (equalizer\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:17
S14 9	1	S147 and (select\$3 near3 (viterbi\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:17



## EAST Search History

S15 0	0	S149 and (select\$3 near3 (power )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:22
S15 1	2169	(select\$3 near3 (viterbi or equalizer\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:22
S15 2	590	S151 and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:22
S15 3	13	S152 and (select\$3 near3 (power )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:23
S15 4	4	S153 and ((multiple or plurality or two or many or parallel) adj2 (viterbi\$1 or equalizer\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:27
S15 5	1	S154 and ((viterbi\$1 or equalizer\$1) near3 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 11:28
S15 6	2169	(select\$3 near3 (viterbi or equalizer\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 13:55
S15 7	590	S156 and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 13:55
S15 8	13	S157 and (select\$3 near3 (power )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 13:55
S15 9	4	S158 and ((multiple or plurality or two or many or parallel) adj2 (viterbi\$1 or equalizer\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 14:04

## EAST Search History

S16 0	4	S159 and symbol\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 14:04
S16 1	272	375/229-236.ccls. and ((multiple or plurality or two or many) adj2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:30
S16 2	0	S161 and ((each adj2 equalizer\$1) near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:25
S16 3	0	S161 and ((each near3 equalizer\$1) near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:25
S16 4	11	S161 and ((equalizer\$1) near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:25
S16 5	0	S164 and ((select\$3 or choos\$3) with equalizer\$1 with power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:26
S16 6	0	S164 and ((select\$3 or choos\$3) near3 equalizer\$1 near3 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:26
S16 7	3	S164 and ((select\$3 or choos\$3) near3 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:30
S16 8	308	375/229-236.ccls. and ((select\$3 or choos\$3) near3 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:36
S16 9	91	S168 and ((multiple or plurality or two or many) adj2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:37

## EAST Search History

S17 0	708	375/229-236.ccls. and ((select\$3 or choos\$3) with equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:36
S17 1	156	S170 and ((multiple or plurality or two or many) adj2 equalizer\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:44
S17 2	40	S171 and (equaliz\$6 with power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:39
S17 3	11	S172 and (select\$3 near3 input)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:39
S17 4	95	((multiple or plurality or two or many) adj2 equalizer\$1) with (select\$3 or choos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/18 10:44
S17 5	2	"6813744".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 15:58
S17 6	17	destinat\$3 near3 (path adj2 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:25
S17 7	2	"12" and (destinat\$3 near3 survivor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 15:59
S17 8	2	"2" and (destinat\$3 near3 survivor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 15:59
S17 9	0	S176 and (destinat\$3 near3 survivor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:02

## EAST Search History

S18 0	1	S176 and (survivor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 15:59
S18 1	2	(destinat\$3 adj2 state\$1) near3 survivor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:14
S18 2	7	((subtract\$3 or exclud\$3 or minus or less) near3 destination\$1) near3 (path adj2 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:06
S18 3	0	((subtract\$3 or exclud\$3 or minus or less) near3 destination\$1) near3 (path adj2 metric adj2 calculat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:18
S18 4	3173	((remain\$3 or left or consequent ) near3 destination\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:07
S18 5	10	((remain\$3 or left or consequent ) near3 destination\$1 adj2 state\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:07
S18 6	8	((remain\$3 or left or consequent ) near3 (destination\$1 adj2 state\$1) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:08
S18 7	8	((remain\$3 or subset ) near3 (destination\$1 adj2 state\$1) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:09
S18 8	0	((some ) near3 (destination\$1 adj2 state\$1) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:09
S18 9	3	(destinat\$3 adj2 state\$1) near3 (path adj2 metric\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:14

## EAST Search History

S19 0	1	(subtract\$3 or exclud\$3 or minus or less) near3 (path adj2 metric adj2 calculat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:18
S19 1	0	(subtract\$3 or exclud\$3 or minus ) near3 (path adj2 metric adj2 calculat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:18
S19 2	8	(subtract\$3 or exclud\$3 or minus ) near3 (path adj2 metric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:18
S19 3	11	(subtract\$3 or exclud\$3 or minus ) near3 (path adj2 metric\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:19
S19 4	14	((subtract\$3 or exclud\$3 or minus ) near3 state\$1) near3 (path adj2 metric\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:19
S19 5	0	S194 and (destinat\$3 near3 (path adj2 metric\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 16:26
S19 6	23	(destinat\$3 near3 (path adj2 metric\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:05
S19 7	773	state\$1 near3 (path adj2 metric\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:06
S19 8	236	S197 and ((group or (sub adj2 set) or set) near3 state\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:07
S19 9	21	S198 and (destination near2 state\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:27

## EAST Search History

S20 0	89	viterbi same (reduc\$4 near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:28
S20 1	2	S200 and (previous near3 (path adj2 metric\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:31
S20 2	0	S200 and ((path adj2 metric\$1) near3 (determin\$5 adj2 value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:32
S20 3	4	S200 and ((path adj2 metric\$1) same (determin\$5 adj2 value))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:53
S20 4	5	"2003005874"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:54
S20 5	2	"20030058974"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/28 17:54
S20 6	1	((viterbi or equalizer) near3 trellis) near3 (power adj2 distribut\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:41
S20 7	5	(select\$3 near3 equal\$6) near3 (power adj2 distribut\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:33
S20 8	22	symbol\$1 near3 (power adj2 distribut\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:33
S20 9	2	S208 and (equal\$6 near3 select\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:35

## EAST Search History

S21 0	6	S208 and (select\$3 near3 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:39
S21 1	9	S208 and (control\$3 near3 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:40
S21 2	3	S211 and (select\$3 near3 power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:40
S21 3	0	S212 and ((viterbi or equalizer) near3 trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:41
S21 4	1	S212 and ((viterbi or equalizer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/01 12:41
S21 5	0	((switch\$3 or select\$3 or choos\$3) near3 ((viterbi or equalizer) near3 trellis)) with (power or snr or ratio or (signal near3 noise))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 12:45
S21 6	154	((switch\$3 or select\$3 or choos\$3) near3 (viterbi or equalizer)) with (power or snr or ratio or (signal near3 noise))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 12:45
S21 7	204	((switch\$3 or select\$3 or choos\$3) near3 (viterbi or equalizer\$1)) with (power or snr or ratio or (signal near3 noise))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 12:45
S21 8	204	((switch\$3 or select\$3 or choos\$3) near3 (viterbi or equalizer\$1)) with (power or snr or ratio or (signal near3 noise))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 15:08
S21 9	5747	(viterbi or equalizer\$1) with (power or snr or ratio or (signal near3 noise))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 15:08

## EAST Search History

S22 0	906	S219 and ((switch\$3 or select\$3 or choos\$3) near3 (viterbi or equalizer\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 15:08
S22 1	370	S220 and ((multiple or two or many or plurality) near3 (viterbi or equalizer\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 16:00
S22 2	2	"6813744".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/23 19:07
S22 3	0	"2003005874" and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 15:57
S22 4	75	((multiple or two or many or plurality) near3 (viterbi or equalizer\$4)) near3 trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 16:00
S22 5	75	((multiple or two or many or plurality or each) near3 (viterbi or equalizer\$4)) near3 trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/03 16:00
S22 6	0	((choos\$3 or select\$4) near3 (tap\$1 or coefficient\$1 or weight\$1)) near3 ((viterbi or equalizer) near trellis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:21
S22 7	214	((choos\$3 or select\$4) near3 (tap\$1 or coefficient\$1 or weight\$1)) near3 ((viterbi or equalizer) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:49
S22 8	10	((choos\$3 or select\$4) near3 (tap\$1 or coefficient\$1 or weight\$1)) near3 ((viterbi) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:48
S22 9	7	S228 and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:48



## EAST Search History

S23 0	888	((choos\$3 or select\$4) ) near3 ((viterbi ) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:40
S23 1	75	S230 and ((choos\$3 or select\$4) near3 (tap\$1 or coefficient\$1 or weight\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:40
S23 2	1636	viterbi same (tap\$1 or coefficient\$1 or weight\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:53
S23 3	596	S232 and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:53
S23 4	197	viterbi near3 (tap\$1 or coefficient\$1 or weight\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 11:53
S23 5	86	S234 and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 12:45
S23 6	2	"6870882".pn. and circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/06 12:45